EAST Search History

| Ref # | | Search Query | DBs | Default Operator | Plurals | Time Stamp |
|-------|------|--------------|---|---------------------|---------|---------------------|
| L1 | 2502 | 429/30.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/08 08:10 |
| L3 | 339 | 429/31.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/08 08:10 |
| L5 | 1238 | 429/32.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/08 08:10 |
| L7 | 1793 | 429/33.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/08 08:10 |
| L9 | 3593 | 429/34.ccls. | US-PGPUB; USPAT; USOCR; FPRS, EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/08 08:10 |
| L11 | 978 | 429/35.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/08 08:11 |
| L13 | 457 | 429/36.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB | ADJ | ON | 2008/04/08 08:11 |

| L15 | 1464 | 156/291.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/08 08:11 |
|-----|------|--|--|-----|----|---------------------|
| L17 | 1399 | 427/115.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/08 08:11 |
| L19 | 1399 | 427/115.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/08 08:11 |
| L21 | 8090 | (I1 or I3 or I5 or I7 or I9 or I11 or I13 or I15 or I17 or I19) and (fuel cell) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/08 08:12 |
| L22 | 248 | I21 and (gas diffusion layer) and (separator plate) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/08 08:12 |
| L23 | 72 | I22 and adhesive and (compress\$3 or press\$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2008/04/08 08:13 |
| 82 | 43 | (((fuel cell) WITH (production or process or manufactur\$4)) ab. or ((fuel cell) WITH (production or process or manufactur\$4)) ii.) and separator and (gas diffusion layer) and adhesive and electrolyte \$1 | US PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DEERWENT; IBM_TDB | ADJ | ON | 2007/10/25 06:21 |
| S3 | 2 | ("20020051902"). PN. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 08:32 |

| S4 | 2377 | 429/30 cols | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 07:37 |
|-----|------|-------------------------------------|---|-----|----|---------------------|
| S5 | 2318 | 429/30.ccls. and (fuel cell \$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 07:37 |
| S6 | 331 | 429/31.ccls. | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 07:37 |
| S7 | 309 | 429/31.ccls. and (fuel cell \$1) | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 07:38 |
| S8 | 1194 | 429/32.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 07:38 |
| S9 | 1180 | 429/32.ccls. and (fuel cell \$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 07:38 |
| S10 | 1706 | 429/33.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 07:38 |
| S11 | 1591 | 429/33.ccls. and (fuel cell \$1) | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM TDB | ADJ | ON | 2007/10/24 07:38 |

| S12 | 3383 | 429/34.cols | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 07:39 |
|-----|------|-------------------------------------|---|-----|----|---------------------|
| S13 | 3186 | 429/34 ccls. and (fuel cell \$1) | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 07:39 |
| S14 | 927 | 429/35.ccls. | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 07:39 |
| S15 | 871 | 429/35.ccls.and (fuel cell \$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 07:39 |
| S17 | 438 | 429/36.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 07:39 |
| S19 | 418 | 429/36.ccls. and (fuel cell \$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 07:40 |
| S21 | 1457 | 156/291.cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 07:40 |
| S22 | 3 | 156/291 ccls. and (fuel cell\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 08:58 |

| S24 | 1345 | 427/115.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 07:41 |
|-----|------|-------------------------------------|---|-----|----|---------------------|
| S25 | 1059 | 427/115.ccls. and (fuel cell\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/25 07:52 |
| S26 | 2318 | 429/30.ccls. and (fuel cell \$1) | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 09:00 |
| S27 | 309 | 429/31.ccls. and (fuel cell \$1) | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 09:00 |
| S28 | 1180 | 429/32.ccls. and (fuel cell \$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 09:00 |
| S29 | 1591 | 429/33.ccls. and (fuel cell \$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 09:00 |
| S30 | 3186 | 429/34.ccls. and (fuel cell \$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 09:00 |
| S31 | 0 | 429/35.ccls.and (fuel cell \$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB | ADJ | ON | 2007/10/24 09:00 |

| S32 | 1059 | 427/115.ccls. and (fuel cell\$1) | US-PGPUB; USPAT: USOCR: | ADJ | ON | 2007/10/24 09:00 |
|-----|------|--|---|-----|----|---------------------|
| | | Cent 1) | FPRS; EPO; JPO; DERWENT; IBM_TDB | | | 09.00 |
| S33 | 2233 | (S30 or S32 or S29 or S28 or "19" or S31 or S26 or S27) and (electrolyte SAME membrane\$1) and (diffusion SAME gas) and separator\$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/25 08:21 |
| S34 | 1016 | S33 and (gas diffusion layer) | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 09:01 |
| S35 | 145 | S33 and (gas diffusion layer) and (((first separator) and (second separator)) or (both separators)) | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 09:02 |
| S36 | 126 | S35 and (polymer electrolyte) | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 09:39 |
| S37 | 81 | \$35 and (polymer electrolyte) and (jig\$1 or die\$1 or support\$3 or clamp\$1) | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 09:41 |
| S38 | 23 | \$35 and (polymer electrolyte) and (jig\$1 or die\$1 or support\$3 or clamp\$1) and adhesive | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 09:42 |
| S39 | 43 | (((fuel cell) WITH (production or process or manufacturs4)), ab. or ((fuel cell) WITH (production or process or manufacturs4)),ti.) and separator and (gas diffusion layer) and adhesive and electrolyte \$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DEEWENT; IBM_TDB | ADJ | ON | 2007/10/24 12:47 |

| S40 | 10 | \$39 and (jig\$1 or clamp \$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 12:47 |
|-------------|------|---|---|-----|----|---------------------|
| S41 | 1059 | 427/115.cds. and (fuel cell\$1) | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 16:14 |
| S42 | 35 | \$41 and separator and (gas diffusion layer\$1) and adhesive and electrolyte\$1 | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 15:11 |
| S43 | 5 | ("2003/0096153" "2003/0118889" "2003/0158273" "2003/0215690" "2007/0116999" "2007/0196717"). URPN. | USPAT | ADJ | ON | 2007/10/24 15:37 |
| S44 | 8 | "156" das. and (fuel cell) and separator and (gas diffusion layer) and adhesive and electrolyte \$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 15:39 |
| S 45 | 82 | 427/115.cds. and (fuel cell\$1) and (hot press) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 16:21 |
| S46 | 36 | 427/115.cds. and (fuel cell\$1) and (hot press) and separator | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 16:28 |
| S47 | 141 | (gas diffusion layer\$1) and (fuel cell\$1) and (hot press) and separator\$1 | US-PGPUB; USPAT; USOOR; FPRS; EPO; JPO; DERWENT; IBM TDB | ADJ | ON | 2007/10/24 16:29 |

| S48 | 88 | (gas diffusion layer\$1) and (fuel cell\$1) and (hot press) and separator\$1 and (adhesive\$1 or seal \$3) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/24 16:29 |
|-----|-----|---|--|-----|----|---------------------|
| S49 | 47 | (((fuel cell) SAME (production or process or manufactur\$4)) ab. or ((fuel cell) SAME (production or process or manufactur\$4)).ti.) and separator and (gas diffusion layer) and adhesive and electrolyte \$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; JOERWENT; IBM_TDB | ADJ | ON | 2007/10/25 11:22 |
| S50 | 43 | (((fuel cell) WITH (production or process or manufactur\$4)), ab. or ((fuel cell) WITH (production or process or manufactur\$4)), ii.) and separator and (gas diffusion layer) and adhesive and electrolyte \$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/25 06:22 |
| S51 | 4 | S49 not S50 | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/25 06:22 |
| S52 | 152 | (((fuel cell) SAME (assembly or production or process or manufactur \$4)).ab. or ((fuel cell) SAME (assembly or production or process or manufactur\$4)).ti,) and separator and (gas diffusion layer) and ((thermosetting resin) or adhesive) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/25 |
| S53 | 105 | S52 not S49 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/25 06:25 |

| S54 | 21 | \$53 and ((hot presses\$2) or clamp\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/25 06:48 |
|-----|-----|--|---|-----|----|---------------------|
| S55 | 28 | ((ftuel cell) SAME (assembly or production or process or manufactur \$4)) and separator\$2 and (gas diffusion layer\$2) and ((thermosetting resin) or adhesive) and jig \$1 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/25 06:54 |
| S56 | 25 | 0330124" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/25 06:55 |
| S57 | 4 | "5021284".pn. or "6280870".pn. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/25 07:08 |
| S58 | 2 | "7226686".pn. | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/25 07:26 |
| S59 | 3 | "20040137303" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/25 07:44 |
| S60 | 332 | (fuel cell\$1) and "156". clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/25 07:44 |
| S61 | 0 | (fuel cell\$1)"."(ab or ti)"." and "156".clas. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB | ADJ | ON | 2007/10/25 07:44 |

| S62 | 90 | (fuel cell\$1).ab. and """156""".das. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/25 07:46 |
|-----|------|---|---|-----|----|---------------------|
| S63 | 9 | (fuel cell\$1).ab. and """156""".clas. and separator\$1 and (gas NEAR2 diffusion NEAR3 layer) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/25 07:53 |
| S64 | 1062 | 427/115.ccls. and (fuel cell\$1) | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/25 07:53 |
| S65 | 89 | S64 and separator\$1 and (gas NEAR2 diffusion NEAR3 layer) and (jig\$1 or press\$2) | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/25 08:10 |
| S66 | 44 | S64 and separator\$1 and (gas NEAR2 diffusion NEAR3 layer) and (jig\$1 or press\$2) and (simultaneously or sequentially) | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/25 08:19 |
| S67 | 12 | S64 and separator\$1 and (gas NEAR2 diffusion NEAR3 layer) and (jig\$1 or press\$2) and (simultaneously or sequentially) and (adhesive SAME (heat\$3 or thermosetting)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/25 08:20 |
| S68 | 419 | 429/36.ccls. and (fuel cell \$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/25 08:21 |
| S69 | 2322 | 429/30.ccls. and (fuel cell \$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB | ADJ | ON | 2007/10/25 10:50 |

| S70 | 309 | 429/31.ccls. and (fuel cell \$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/25 08:21 |
|-----|------|--|--|-----|----|---------------------|
| S71 | 1183 | 429/32.ccls. and (fuel cell \$1) | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/25 08:21 |
| S72 | 1592 | 429/33.ccls. and (fuel cell \$1) | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/25 08:21 |
| S73 | 3188 | 429/34.ccls. and (fuel cell \$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/25 08:21 |
| S74 | 0 | 429/35.ccls.and (fuel cell \$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/25 08:21 |
| S75 | 1062 | 427/115.cds. and (fuel cell\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/25 08:21 |
| S76 | 39 | (S73 or S75 or S72 or S71 or S88 or S74 or S89 or S70) and separator\$1 and (gas NEAF2 diffusion NEAF3 layer) and (jig\$1 or press\$2) and (simultaneously or sequentially) and (adhesive SAME (heat\$3 jor thermosetting)) | US-PCPUB; USPAT; USOCR; FPPS; EPO; JPO; DEPRWENT; IBM_TDB | ADJ | ON | 2007/10/25 08:42 |
| S77 | 2 | "2005216598" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/25 08:39 |

| S78 | 10 | (S73 or S75 or S72 or S71 or S68 or S74 or S69 or S70) and separator\$1 and (adhesive WITH (gas NEAF2 diffusion NEAF3 layer)) and (jig\$1 or press \$2) and (simultaneously or sequentially) and (adhesive SAME (heat\$3 or thermosetting)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/25 08:43 |
|-----|----|---|---|-----|----|---------------------|
| S79 | 3 | 2001-236971 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/25 09:13 |
| S80 | 1 | 08-078028 | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/25 10:50 |
| S81 | 53 | (((tuel cell) SAME (assembly or production or process or manufactur \$4)). ab. or ((fuel cell) SAME (assembly or production or process or manufactur\$4)).ti.) and (((thermosetting resin) or adhesive) NEAR20 separator) and (gas diffusion layer) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/25 |
| S82 | 25 | (((tuel cell) SAME (assembly or production or process or manufactur \$4)).ab. or ((fuel cell) SAME (assembly or production or process or manufactur\$4)).ii.) and (((thermosetting resin) or adhesive) NEAP20 ((gas diffusion) and separator)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/25 11:46 |
| S83 | 0 | 029/623.1.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/26 10:21 |

| S84 | 2383 | 29/623.1.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/26 10:21 |
|-----|------|--|---|-----|----|---------------------|
| S85 | 1405 | 29/623.1.ccls. and separator | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/26 10:21 |
| S86 | 84 | 29/623.1.ccls. and (separator WITH ((thermosetting resin) or adhesive)) | US-PGPUB; USPAT; USOCR; FPRS, EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/26 10:28 |
| S87 | 246 | ("429".clas. or "427".clas. or "156".clas.) and (fuel cell\$1) and (adhesive WITH separator\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/26 10:37 |
| S88 | 148 | ("429".clas. or "427".clas. or "156".clas.) and (fuel cell\$1) and ((((thermosetting resin) or adhesive) WITH separator \$1) and (gas NEAR4 diffusion) | US-PGPUB; USPAT; USOCR; FPRS, EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/26 10:59 |
| S89 | 110 | ("429".clas. or "427".clas. or "156".clas.) and (fuel cell\$1) and (adhesive WITH separator\$1) and (gas NEAF4 diffusion) | US PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/26 11:15 |
| S90 | 110 | ("429".clas. or "427".clas. or "156".clas.) and (fuel cell\$1) and (adhesive WITH separator\$1) and (gas NEAF4 diffusion) and (press\$3 or jig\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/26 11:26 |
| S91 | 22 | ("429".clas. or "427".clas. or "156".clas.) and (fuel cell\$1) and (adhesive WITH separator\$1) and (gas NEAF4 diffusion) and (jig\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/10/26 11:16 |

| S92 | 12 | ("20020031698" "20040137305" "4510213" "5464700" "6007933" "6451468"). PN. OR ("2001/0049047" "2002/0051902" "2003/0158273" "2003/0215690" "2004/0137303" "2005/0147870" "7081314") URPN. | US-POPUB; USPAT; USOCR | ADJ | ON | 2007/11/05 17:34 |
|-----|-----|---|---|-----|----|---------------------|
| S93 | 5 | S92 and separator\$2 and adhesive\$2 | US-PGPUB; USPAT; USOCR | ADJ | ON | 2007/11/05 17:37 |
| S94 | 550 | (fuel cell\$1) and (separator\$2 or plate\$4) and (adhesive or (thermosetting resin) or glue\$1) and ((gas diffusion layer\$1) or (GDL) or (FTL) or (fluid transport layer\$1) or (diffuser) or (current collector) or (DCC)) | US PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/11/06 07:48 |
| S95 | 488 | \$94 and (clamp\$3 or press or pressing or pressed or tighten\$2 or secure\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/11/06 07:49 |
| S96 | 37 | S95 and jìg | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/11/06 07:51 |
| S97 | 383 | \$94 and (clamp\$3 or press or pressing or pressed or tighten\$2 or secure\$2) and ("156". clas. or "429".clas. or "501".clas.) | US-PGPUB; USPAT; USOCR; FPRS, EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/11/06 07:56 |
| S98 | 383 | \$95 and (clamp\$3 or press or pressing or pressed or tighten\$2 or secure\$2) and ("156", clas. or "429".clas. or "501".clas.) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/11/06 07:56 |

| S99 | 355 | \$95 and (clamp\$3 or press or pressing or pressed or tighten\$2 or secure\$2) and ("156". clas. or "429".clas. or "501".clas.) and (assembly or manufacturing or (method of manufacture)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DEFWENT; IBM_TDB | ADJ | ON | 2007/11/06 08:11 |
|------|-----|---|---|-----|----|---------------------|
| S100 | 231 | S99 and ((separator\$2 or plate\$4) or ((gas diffusion layer\$1) or (GDL) or (FTL) or (fluid transport layer\$1) or (diffuser) or (currrent collector) or (DCC))) SAME (adhesive or (thermosetting resin) or glue\$1) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/11/06 08:28 |
| S101 | 75 | (US 2006007385\$-\$ or US 20050147870-\$ or US 20050147870-\$ or US 20050142397-\$ or US 20050142397-\$ or US 20040197683-\$ or US 200401976830-\$ or US 20040137030-\$ or US 20020114890-\$ or US 20030118889-\$ or US 20030118899-\$ or US 20070116999-\$ or US 20070116999-\$ or US 20030158273-\$ or US 20030158273-\$ or US 20030015590-\$ or US 200300155690-\$ or US 200300175569-\$ or US 20030175569-\$ or US 20030175569-\$ or US 20070210475-\$ or US 200702104144-\$ or US 20050266286-\$ or US 200702104144-\$ or US 20040224190-\$ or US 20070210505056286-\$ or US 200701055-\$ or US 2007010505056286-\$ or US 200701305056286-\$ or US 200701305056286-\$ or US 20070148514-\$ or US 20070026282-\$ or US 20070026282-\$ or US 20060159971-\$ or US 20060159971-\$ or US 20060159971-\$ or US 20040053100-\$ or US 20060216563-\$ or US 20060216503-\$ or US 20040053100-\$ or US | US-POPUB; USPAT | ADJ | ON | 2007/11/06 08:41 |

| | | 20030118884-\$ or US- 2007014851-\$ or US- 2007014851-\$ or US- 20070134531-\$ or US- 2006016606-\$ or US- 20060024545-\$ or US- 200500277007-\$ or US- 20070248866-\$ or US- 20070248866-\$ or US- 20070212587-\$ or US- 20070141473-\$ or US- 20070141473-\$ or US- 20070165712-\$ or US- 20070065712-\$ or US- 20070065712-\$ or US- 20070055708-\$ or US- 20070055038-\$ or US- 20070055038-\$ or US- 20070055038-\$ or US- 20070055038-\$ or US- 20070055012-\$ or US- 20060155978-\$ or US- 20060155978-\$ or US- 20060155978-\$ or US- 2006015215-\$ or US- 2006015515-\$ or US- 20030082429-\$ or US- 20030082430-\$ or US- 20040137305-\$), idi. or (US-7172830-\$ or US- 5021284-\$ or US- 50206015576 or US- 50206015576 or US- 50206055576 or US- 5020605576 or US- 5020605576 or US- 50206058569-\$ or US- 50206058569-\$ or US- 506060886-\$ or US- 50609286-\$ or US- 6609286-\$ or US- | | | | |
|------|-----|--|---|-----|----|---------------------|
| S102 | 73 | S101 and (adhesive or adhesion or sealant or thermosetting) | US-PGPUB; USPAT | ADJ | ON | 2007/11/06 08:42 |
| S103 | 114 | (fuel cell) and ((seal\$3 or adher\$4 or connect\$3 or bond\$3 or unify) MTH separator WITH ((gas diffusion layer\$1) or (GDL) or (FTL) or (fluid transport layer\$1) or (diffuser) or (current collector) or (DOC))) | US-PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/11/06 09:22 |

| S104 | 114 | S103 and ((seal\$3 or adher\$4 or connect\$3 or bond\$3 or unity) WITH separator WITH ((gas diffusion layer\$1) or ((GDL) or (FTL) or ((Huid transport layer\$1) or ((diffuser) or (currrent collector) or (DCC))) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/11/06 09:23 |
|------|-----|---|--|-----|----|---------------------|
| S105 | 57 | (fuel cell) and ((join\$3 or seal\$3 or adher\$4 or connect\$3 or bond\$3 or unity) WITH separator WITH ((gas diffusion layer \$\$1) or (GDL) or (FIL) or (fliud transport layer\$1) or (diffuser) or (current collector) or (DCC))) and (adhesive or sealant or glue or epoxy) | US PCPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/11/06 09:28 |
| S106 | 2 | "20030104792" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/11/06 09:34 |
| S107 | 10 | "2004067407" or "2003104264" or "6316139".pn. | US: PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/11/06 09:37 |
| S108 | 4 | "2003022053" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/11/06 09:39 |
| S109 | 6 | "2005008927" | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/11/06 09:39 |

| S110 | ~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~ | (fuel cell) and (((join\$3 or seal\$3 or adher\$4 or connect\$3 or bond\$3 or unify) WITH separator WITH ((gas diffusion layer \$1) or (GDL) or (FTL) or (fluid transport layer\$1) or (diffuser) or (current collector) or (DCC))) SAME (adhesive or sealant or glue or epoxy)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/11/06 09:45 |
|------|---|---|---|-----|----|---------------------|
| S111 | 27 | (US-20060073385-\$ or US-20050147870-\$ or US-20050147870-\$ or US-20050147870-\$ or US-2005014297-\$ or US-20040127880-\$ or US-20040234831-\$ or US-20030041444-\$ or US-20040026863-\$ or US-20040076863-\$ or US-20040076863-\$ or US-2006015708-\$ or US-200400768898-\$ or US-200400768898-\$ or US-56208870-\$ or US-56208870-\$ or US-5640896-\$ or US-5640896-\$ or US-5640896-\$ or US-5640896-\$ or US-636133-\$), did, or (EP-1291946-\$), did. | US PGPUB; USPAT; DERWENT | ADJ | ON | 2007/11/06 |
| S112 | 2 | S111 and (cooling liquid) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/11/06 12:29 |
| S113 | 8 | (press\$3 NEAR4 jig) and (fuel cell) and (cooling NEAR5 (liquid or fluid)) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB | ADJ | ON | 2007/11/06 12:37 |

| S114 | 69 | (press\$3 NEAR4 jig) and (fuel cell) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/11/06 12:44 |
|------|------|---|---|-----|----|---------------------|
| S115 | 7 | (US-20050147870-\$ or US-20040137303-\$ or US- 20020051902-\$ or US- 20010049047-\$ or US- 20030158273-\$ or US- 20030215690-\$).did. or (US-7081314-\$).did. | US-PGPUB; USPAT | ADJ | ON | 2007/11/06 13:05 |
| S116 | 7 | (S111 or S115) and thermosetting | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/11/06 13:05 |
| S117 | 1194 | 502/101.ccls. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/11/06 14:56 |
| S118 | 137 | 502/101.cds. and (adhesive or sealant or glue) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/11/06 14:57 |
| S119 | 1350 | 427/115.cds. | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/11/06 16:29 |
| S120 | 263 | 427/115.cds. and (adhesive or sealant or glue) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB | ADJ | ON | 2007/11/06 16:29 |
| S121 | 89 | 427/115.cds. and (adhesive or sealant or glue) and (gas NEAF4 diffusion NEAF4 layer\$2) | US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM TDB | ADJ | ON | 2007/11/06 16:29 |

4/8/2008 8:15:42 AM

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